



Patent  
Attorney Docket No. 017753-148

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Edoardo CAMENZIND et al. ) Group Art Unit: 3751  
Application No. 09/897,476 ) Examiner: A. Ramana  
Filed: July 3, 2001 ) Confirmation No. 2491  
For: DEVICE FOR ADMINISTERING A )  
COMPOSITION IN A DUCT OF A )  
HUMAN OR ANIMAL BODY )

#8/B  
10/17/02  
J. Brewer

**AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Official Action dated May 30, 2002, please amend the  
above-captioned application as follows.

RECEIVED  
OCT 17 2002  
TECHNOLOGY CENTER 3700

**IN THE DESCRIPTION:**

Replace the original abstract with the new abstract presented herewith on a  
separate sheet.

Replace the paragraph beginning on page 40, line 20, with the following:

Bl  
The inner tool 104 shown in figure 11 also comprises a balloon 6 mounted on  
a tube 8 for its inflation. The inner tool also comprises arms 140, here three in  
number, carrying cutting parts. The arms are connected via their proximal end to a  
common cylindrical support 142 fixed to the tube. Each arm has an elongated spiral  
shape around the axis of the catheter, around the balloon. The three arms are  
evenly distributed around the axis. The three arms 140 are made in a material that  
is elastically flexible. they are at rest when the balloon is deflated as in figure 11.  
When the balloon is inflated, as in figure 12, the three arms open out elastically  
under the influence of the balloon. They maintain their spiral shape but the radius of

b1  
the spiral becomes greater. Each arm has a local flat shape the thickness of the arm extending in a direction radial to the axis. Each arm 140 carries cutting parts on its outer surface that are here formed of sharp ridges 116 which project upwards above the outer surface. Each ridge 116 is of long rectilinear shape and extends from one side to the other of the arm edges. Here the ridges are oriented parallel to the axis of the catheter. All the ridges are therefore parallel to one another and extends from front to back. Figure 15 shows the arrangement of the ridges and arms for a catheter comprising five arms.

---